F I G. 1

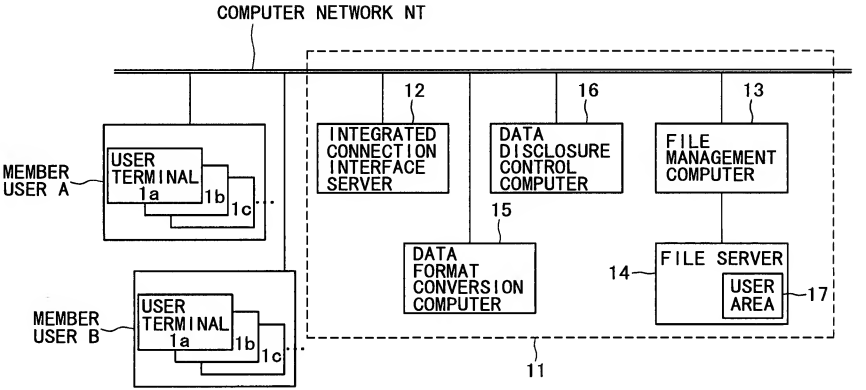

COMPUTER NETWORK NT
12
16
13
INTEGRATED CONNECTION INTERFACE SERVER
DATA DISCLOSURE CONTROL COMPUTER
FILE MANAGEMENT COMPUTER
MEMBER USER A
USER TERMINAL
1a
1b
1c
15
DATA FORMAT CONVERSION COMPUTER
FILE SERVER
14
USER AREA
17
MEMBER USER B
USER TERMINAL
1a
1b
1c
11

FIG. 2A

USER ID	TOTAL SIZE	USED SIZE	REMAINING SIZE	USER AREA LOCATION
001	1000	800	200	/files/001
002	1000	1000	0	/files/002
003	4000	2820	1180	/files/003

FIG. 2B

USER ID	FILE ID	GENRE	FILE SIZE	DATA FORMAT
001	Afo	Photo	20	FORMP3
001	Bfo	Text	15	FORMT1
001	Cfo	Movie	100	FORMM1

FIG. 3

UNCONVERTED FORMAT	TYPE OF USER TERMINAL	CONVERTED FORMAT
FORM 1	TERM 1	FORM 11
FORM 2	TERM 1	FORM 12
FORM 3	TERM 1	FORM 13
FORM 4	TERM 1	FORM 14

FIG. 4

USER ID	FILE ID	AUTHORIZED USER ID	DISCLOSURE PERIOD	DOWNROAD	COPY	SECONDARY USE	FORMAT CONVERSION
001	Afo	002	10	0	1	0	0
002	Dfo	001	—	1	—	—	—
003	Efo	001	30	0	1	1	1
003	Efo	002	—	0	0	0	0

FIG. 5

OWN USER ID	ID OF USER FROM WHOM INFORMATION IS INTERCEPTED
001	009
001	011
002	009

FIG. 6

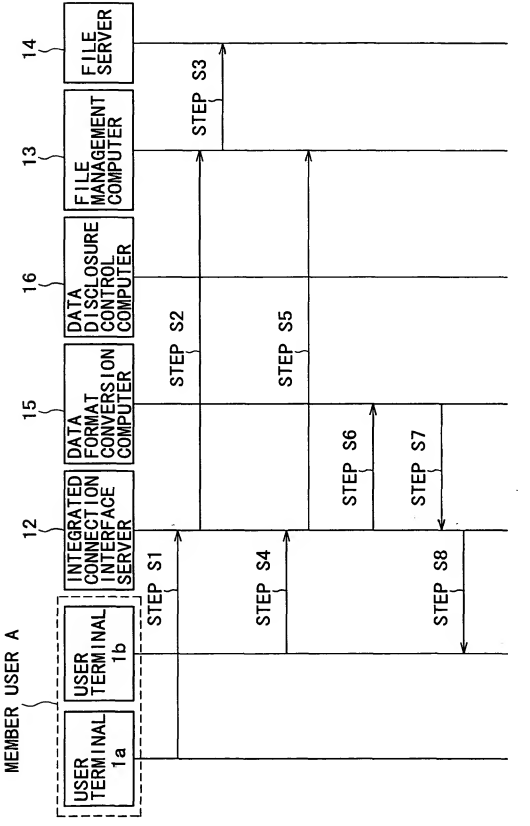
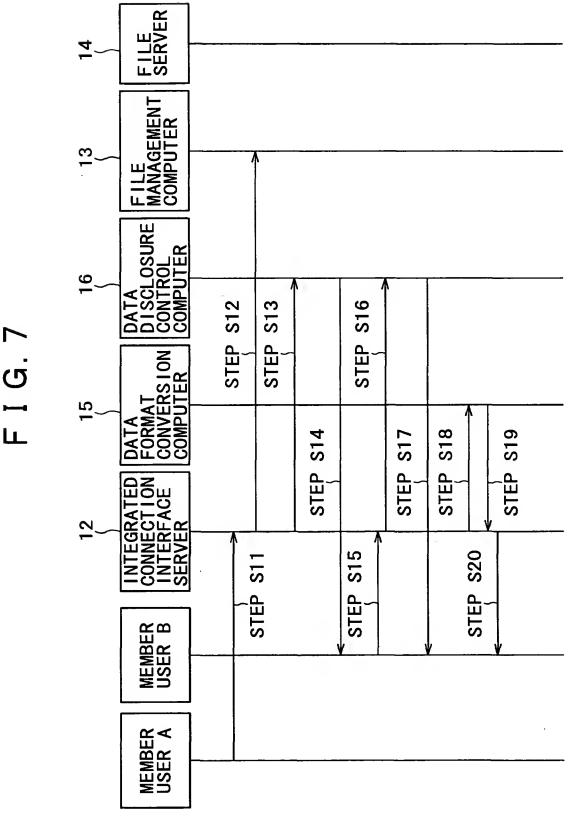

MEMBER USER A
USER TERMINAL 1a
USER TERMINAL 1b
12
INTEGRATED CONNECTION INTERFACE SERVER
15
DATA FORMAT CONVERSION COMPUTER
16
DATA DISCLOSURE CONTROL COMPUTER
13
FILE MANAGEMENT COMPUTER
14
FILE SERVER
STEP S1
STEP S2
STEP S3
STEP S4
STEP S5
STEP S6
STEP S7
STEP S8

FIG. 7


MEMBER USER A
MEMBER USER B
INTEGRATED CONNECTION INTERFACE SERVER
DATA FORMAT CONVERSION COMPUTER
DATA DISCLOSURE CONTROL COMPUTER
FILE MANAGEMENT COMPUTER
FILE SERVER
12
15
16
13
14
STEP S11
STEP S12
STEP S13
STEP S14
STEP S15
STEP S16
STEP S17
STEP S18
STEP S19
STEP S20